

Abstract of the Disclosure

An air purifier includes a high mass-flow rate air-mover and a low mass-flow rate ultra-violet radiation decontamination device. The decontamination device is mounted in spaced relation to the air-mover so as to space the inlet of the air-mover from the inlet of the decontamination device. In particular, the inlet of the decontamination device may be disposed oppositely to the inlet of the air-mover, relative to the outlet of the decontamination device, along a low mass-flow rate flow path of a low mass-flow rate air flow. The low mass-flow rate air flow passes ambient air into the inlet of the decontamination device, through the decontamination device so as to pass for an operative dwell time into operative proximity to at least one UV emitter mounted in the decontamination device and so as to exit from the outlet of the air-mover to then be drawn into the inlet of the air-mover. The air-mover is spaced from the decontamination device so as to draw into the inlet of the air-mover a second air-flow of the ambient air. The second air flow flows along a second flow path which does not flow within the operative proximity to any UV emitter in the decontamination device.